

**EDINBURGH'S True ALMANACK,
OR A NEW PROGNO^STICATION**

For the Year of our Lord, 1690.

**Being the second Year after Bissextile or Leap-year, and
from the Creation of the World, 5639.**

Exactly Calculated according to Art, for the Meridian of
the most famous City of EDINBURGH, whose Latitude
is 55 d. 54 m. $\frac{1}{2}$. and Longitude is 11 d. 37 m. from
Pico Taniriff, according to the Newest Tables.



By JAMES PATERSON Mathematician.

EDINBURGH, Printed by the Heir of Andrew Anderson,
Printer to the City and College, for the year, 1690.

A succinct Computation of memorable things to this present Year, 1690.

	Creation of the World	5639
	Flood of Noah	3981
	Destruction of Sodom and Gomorrah	3594
	Building of Rome	2442
	Building of Edinburgh Castle	2020
	First King of Scotland FERGV'S	2019
	Passion and Death of CHRIST	1657
	Conversion of St. Paul	1656
	Burning of Rome by NERO	1629
	Christian Faith was first received in Scotland	1480
	First use of Guns	310
	Invention of Printing	250
	Colledge of Glasgow was builded	235
	Battel of Pinkie, Septemb. 10.	143
	Battel of Cerrychie, Septemb. 10.	128
	Battel of Brichen	118
	Colledge of Edinburgh was builded	108
	Pest in Edinburgh, wherein died 11000	106
	Bridg of Dee was foughten	102
	Colledge of Aberdene was founded by the Earl Marshal	97
	Battel of Glenlivet	96
	Gun Powder-Treason, Novemb. 5.	85
	Bridge of Dee was foughten again, June	51
	Rebellion in Ireland	48
	Battel of Tippermoor, Septemb. 1. and Aberdene Sept. 14.	46
	Battel of Inverlochie, Feb. 2. Oldearn, May 9. Alford, July 2. 2. Kilsyth, Aug. 15. and Philiphaugh	45
	Battel of Preston, commonly called the Dukes Engagement	42
	Englishes entered Scotland, July 22. Battel of Dunbar Septemb. 3. Edinb. Castle rendered, Decemb. 24.	40
	Town of Dundee was taken Sept. 1. Battel of Worcester Sep. 3.	39
	Birth of King William Novemb. 14. 1650.	40
	Birth of Queen Mary Apryl 30. 1662.	28
	Arrival of King William to England Novemb. 5. 1688.	2
	Proclamation of K. William and Q. Mary at Edinburgh Whom God preserve long to Reign over us.	1
Since the beginning of the world	Surrendering the Castle of Edinburgh, June 13. 1689,	

Common or Vulgar Notes this Year, 1690.

The Golden Number is	19	Pasch, or Easter day	April 20
The Epact is	29	Ascension-day	May 29
The Dominical Letter is	E	Whitunday	June 8
Fastens-eve, or Shrove-tuesday		Trinity-Sunday	June 15
	March 4		

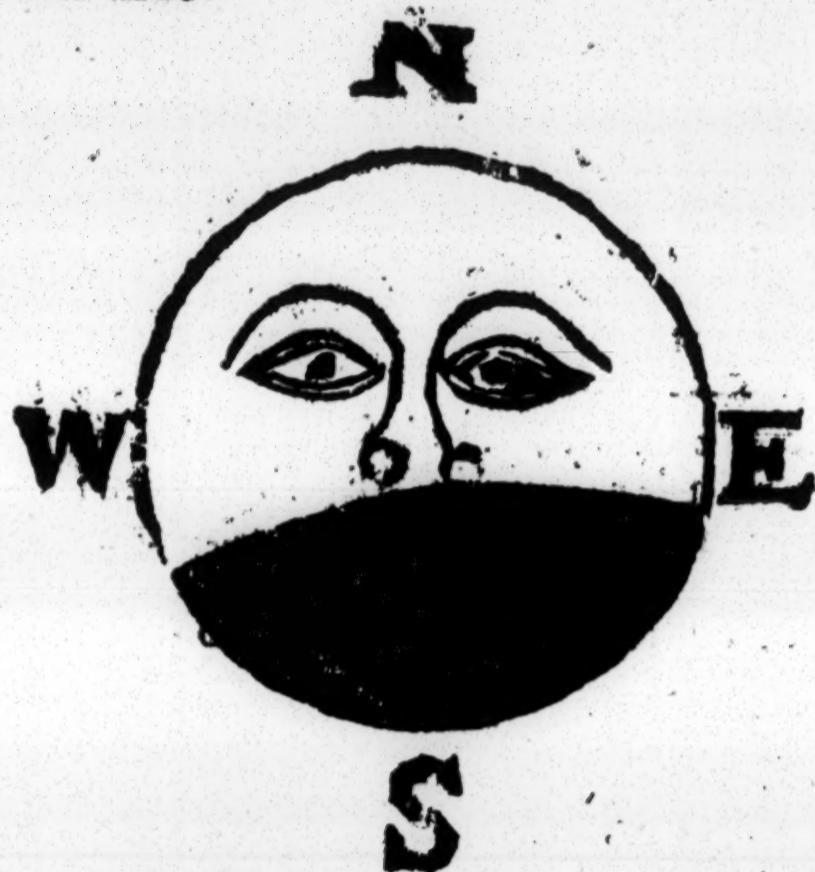
Of

Of the Eclipses this Year, 1690.

There will be four Eclipses this year, viz. two of the Sun, and two of the Moon.

The first will be an Eclipse of the Sun, in the 22 d. of Pisces, on the 28 of February, about 11 hours at night, invisible to us.

The second will be an Eclipse of the Moon, on the 14 day of March, in the 5 deg. of Libra, at Edinburgh appear-eth thus.



b. m. s.
Apparent time of true Opposition, 9 56 00
Eclipse begins at Edinburgh 8 30 15
Greatest Obscurati-
on 9 48 15
Eclipse ends at Edinburgh 11 06 15
Eclipsed 5° 66 di-
gits.

But by Mr. Streets Tables, reduced to the Meridian of Edinburgh, thus.

b. m. s.
09 28 00
08 26 59
09 24 00
10 03 18

Apparent time of true Opposition

Eclipse begins at Edinburgh

Greatest Obscurati-

Eclipse ends at Edinburgh

Eclipsed 4° 34 Digits, Time will prove both.

The third will be of the Sun, on the 24 day of August, about one a Clock in the Morning, in the 11 degree of Virgo, but Invisible to us:

The fourth will be of the Moon, on the 8 day of September, about two a Clock in the afternoon, in the 26 degree of Pisces.

The Occasion and Exposition of the four Lines below the Chronology in my last Years Almanack, is as followeth.

The Printer according to an Act of Council at that time, caused alter the said Chronology, by taking out the Gun-powder-Plot, and put in the Birth of their Prince, which I considering to be no Robbery, but a fair Change, to take out old Plots, to make Room for new Ones, caused me fear likewise that the Rebellion of Ireland should have the same sentence. seeing they had a new one upon the wheel, but contrary my expectation, they suffered me to keep it in until the other was brought to effect as I suppose, which occasioned me to put in these four lines following by way of Anagram, it not being time then to write my meaning in plain Terms, the lines were these.

What reason proud dost thou so much excell,
Consider the Ir is harm it did rebel,
What reason is I mean, untie the knots
And you shal find it is but ——————

Now if you change two Letters, viz., r in proud after the d it will be powd'r, and t in it to make up the t that what will want when its last letter t makes up Treason with the following word reason, and so let the last letters of one word in the Ir is harm i, go as much in the beginning of the following, as make it the Irish army, so will the four lines meaning be.

What powder Treason dost thou so much excell
Consider the Irish army did rebel
What Treason is, I mean, untie the knots,
And you shal find it is but popish plots.

A Common Prayer Book for all those that fain
would have one, but dare not use it.

Litany.

From all these apparent Atheists
Call'd Protestants defending Papists.
From Oaths so made against the Pope
That brings true Protestants to rope.
From Friars, Priests and Jesuits
And their new cut throat Proselyts,
From all those of a wavering mind,
That change their judgment with the wind,
From those who live by cheats and quirks,
And those who Organs brings to Kirks;
From those who useth holy water,
And secretly their beads do patter;

From Cuckolds that wear gilded horns,
And those who raise the price of corns ;
From those their neighbours that backbite,
And in the same do take delight ;
From those that lie for Scant of News,
And those in Athol that wear trews,
From those that hate our King and Queen,
Or any way molest their Reign,

Liberans Domine.

*The exact Day, Hour and Minut of the New
Moon, her Full and Quarters, with the
daily disposition of the Weather, the whole remarkable
Fairs in Scotland ; with some remarkable days for
the year 1690. Also the Suns rising and sett-
ing at Edinburgh, the first day of
each Month.*

January begins upon Wednesday, XXXI. dayes.

Sun riseth 25 minuts past 8. sets 35 minuts past 3.

First Quarter Wednesday the 8 day, 33 min. past 4. in the morning.

Full Moon Tuesday the 14 day, 12 min. past 8 at night.

Last Quarter Wednesday the 22 day, 48 min. past 5 in the morning.

New Moon Thursday the 30 day, 57 min. past 7 in the morning.

This Month begins with frost, the 11 day, the moon is in Perigeeon in gemini portending good Winter Weather, on the 21 day a Conjunction of the Sun and Mercury, on the 23 day a square of Mars and Mercury, on the 24 day a square of Saturn and Mercury, on the 25 day the Moon in Apogeeon in Sagittarius, on the 26 day a square of the Sun and Saturn, on the 27 day a square of the Sun and Mars with an Opposition of Saturn and Mars, causing the moneth to end with blustering weather.

The first Fair in the year is at Kilsyth the 1 day. St. Naughlans Fair at the Town of old Meldrum, the 2 Tuesday. Tantan fair at Lawrance Kirk, and at the Kirk of Bethelny in Gerry upon the 7 day St. Mungo in Glasgow, and at the Town of Polwart the 13 day, at Dunkel and Kilwinning the 21 day. S. P'uls Fair at Turriff in Buchan the last Tuesday.

February begins on Saturday, XXVIII. dayes.

Sun riseth 25 minuts past 7. sets 35 minuts past 4.

First Quarter Thursday the 6 day, 29 min. past 1 afternoon.

Full Moon Thursday the 13 day, 19 min. past 8 in the morning.

Last Quarter Friday the 21 day, 4 min. past 2 in the morning.

New Moon Friday the 28 day, 44 min. past 10 at night.

This month begins with moist weather, upon the 5 day there is Conjunction of Jupiter and Mercury, the 7 day the Moon in Perigeeon, on the 10 day a square of Saturn and Venus, presaging Wind and Rain, on the 18 day there is a square of Mars and Venus, on the 20 day the Moon is in Apogeeon, and on the 21 day a Conjunction of the Sun and Jupiter. Causing Cold weather to the end of the Moneth.

St. Brides fair at Abernethie, Forres in Murray land, and at the Town of Invernes the 1 day, Candlemas fair in Banff, Dunkel, Dingwal and Dowglas the 2 day, Candlemas fair at the Town of Rattray in Buchan the first tuesday after Candlemas, at Couper of Fife the 1. Wednesday of the moneth, at Methlick the second tuesday, Valentines day being still on the 14 day, at Linlithgow; at Forfar the 15 day, holding 3 dayes, at Valleyfield the 24 day.

Whiles in February, whiles in March.

Fairfens even fair at Fyvie, and Lanark on Fairfens even-day.

March begins On Saturday ; XXXI. dayes.

Sun riseth 20 minutes past 6. sets 40 minutes past 5.

First Quarter Friday the 7 day, 46 min. past 7 at night.

Full Moon Friday the 14 day, 34 min. past 9 at night.

Last Quarter Saturday the 22 day, 26 min. past 9 at night.

New Moon Sunday the 30 day, 48 min. past 10 in the Forenoon.

This moneth begins with good March weather, on the 4 day there is a Conjunction of the Sun and Mercury, and another of Jupiter, and Venus, on the 6 day, the Moon in Perigeeon, on the 7 day a Conjunction of Venus and Mercury, on the 11 day a Conjunction of Jupiter and Mercury causing windy and cloudy Weather, on the 19 day there is a square of Mars and Mercury, on the 20 day the Moon in Apogeeon, portending the weather to be fair and clear, on the 30 day there is a square of Jupiter and Mars, and on the 31 day a Conjunction of Jupiter and Mercury, signifying the moneth final end with great winds and rain.

S. Monnence in Aberdeen, Dumfermling, Abercherder, St Marnochs Kirk, and Strathven the 1 day, at Kennoquhy in Fife, consisting of Horse, Neat, &c. with a weekly Mercat every Wednesday of all flesh, fishes, &c belonging to the Laird of Balfour, and at Peterweems the 3 day, St. Marnoch fair at the Kirk of Leuchie the 1 Tuesday, at Dumbain the first Wednesday, at Markinch the 6 day, St. Annes fair at the Kirk town of Tarves the 2 Tuesday, St. Duthos in Tane of Ross the 9 day, at Inverness and Auchtertool the 10 day, St. Causnan at Dunichtin Kirk in Angus shire the 11 day, St Patricks Fair in Dumbartoun, Kirkaldie, and at the kirk of Blacksford the 15 day, at S. Johnstoun the 19 day, S. Cuthberts Fair in Langtown of the Mers the 26 day, Lady day in West Weems, Bamff, and Auchterluchtie the 25 day, at Kintross the 3 Wednesday.

While in March, and whiles in April.

Mid-lentron Fair at Trantie-banchrie on Thursday before Mid-lentron Sunday, Palm-Sunday Fair at the town of Kirkwall in Orkney, which stands the whole week after Palm-sunday, at the Kirk of Forrig, and at the town of Inverness and St. Johnstoun all upon the

the Monday thereafter, a Fair at New Leslie upon the Twelf after Palm-Sunday, Skie-thurday Fair at Glasgow, Dumbarton, Cowper of Angus, Elgin of Murray; Brendraught, and in old Aberdeen the thursday, after Palm-sunday. Pasch-munday a Fair at Couper of Fife, and Isring. A Fair at the town of Forres in Murray Shire, Borrowstounness, and Coistorphine the first tuesday, after Pasch, Pasch Fair at Lanerk upon the wednesd. after Pasch, a Fair at S. Andrews, holding all the week after Low-sunday.

April begins on Tuesday, XXX. dayes.

Sun riseth 8 minutes past 5. sets 52 minutes past 6.

First Quarter Sunday the 6 day, 42 min. past 1 in the morning.

Full Moon Sunday the 13 day, 52 min. past noon.

Last Quarter Monday the 21 day, 41 min. past 2 afternoon.

New Moon Monday 28 day, 39 min. past 6 at night.

On the first day there is a square of Mars and Mercury, on the 4 day the Moon is in Perigeeon, on the 6 day a conjunction of the Sun, and Venus, presaging variable weather on the 17 day the Moon is in Apogeeon, on the 20 day there is an Opposition of Saturn, and Venus, and an Oposition of the Sun and Saturn the 24 day, portending Rainy weather about the end of the moneth.

St. Oles Fair at Cruden in Buchan. The first Tuesday, St. Donalds Fair at the Kirk of Auchterless in Buchan the 17 day, St. Marks Fair in Dyserit and Forres the 23 day, St. Marks day being the 35 day. Beltam day the first being the 26 day, a Fair at Bugland the 28 day, lasting 4 dayes, Rude Fair at Ratray in Buchan, and St. George Fair at the Kirk of Methlick the last Tuesday, a Fair at Leven the 29 day, in Kileny the 30 day.

May begins on Thurday, XXXI. dayes.

Sun riseth 4 Minutes past 4. sets 56 minutes past 7.

First Quarter Monday the 5 day, 30 Min. past 10 forenoon.

Full Moon Tuesday the 13 day, 59 min. past 2 in the morning.

Last Quarter Wednesday the 21 day, 33 min. past 5 in the morning,

New Moon Wednesday the 28 day, 11 min. past 2 in the morning.

On the 1 day, the Moon is in Perigeeon, and on the 3 day an Opposition of Saturn and Mercury, causing changeable weather, on the 12 day there is a Conjunction of the Sun and Mercury, the Moon in Apogeeon in Capricorn, the 15 day and a Conjunction of Venus and Mercury on the 21 day, portending cloudy and windy weather, on the 27 day there is a square of Jupiter and Mercury, on the 29 day the Moon is in Perigeeon in Cancer, on the 31 day a square of Saturn and Venus, which shows the moneth shall end with wind and rain.

A Fair in the New Burgh of Girvan the first Tuesday, with a weekly mercat every Monday, and another every Friday, belonging to the Laird of Pinkell, St. Philips Fair in the Grange of Linlithgow Shire, May Fair at Falkirk, and at the New Kirk of Kilpatrick the 1 day, St. Miquans Fair at old Chappel in Freswick within the shire of Caithness the 2 day, Rude Fair at Ellion in Buchan, Belton Fair at Monross in the Shire of Angus, at Kincardine and Peebles, S. Congals Fair

at

at the Kirk of Doors in Mernes Shire, Fumuck Fair at Fumuck Kirk in Bamff Shire, Chappel of Dine in the Parish of Watten, and Dinet within the Shire of Caithnes, all on the 3 day, a Fair at Middlethird of Gartmore the 5 day, at Renfrew 9 d, at Carlowk Drymen and Pitlochie the 10 day, Brando Fair at Bamff & kaldie the 15 d. S. Johns Fair at old Meldrum the last Tuesd. a Fair at Glenquhithel the last Wednesday.

Whiles in May, whiles in June,

Ascension day at the Burgh of Annan, and at Stirling ten dayes before whitsunday; Whitsunday Fair at Stone-hive in Mernes Shire, and at Alith in the Shire of Angus on Tuesday before Whitsunday, at New Le-ly the Thursday before Whitsunday, Whitsun munday at Glasgow, Dumbarton and ledburgh, Whitsun-tuesday called Pardonday, at Chan-ry in Ross Borrowstounnes, Peter-head, Kirk of Ninians, Ormisoun, Linlithgow, Dumblain, Whitsunday Fair at Lanerk the Wednesday after Whitsunday, Trinity-Sunday, being still the Sunday after Whitsunday, Trinity Munday at Edinburgh, holding 8 dayes, at Brechin, S. Andrews and Bruntiland the same day, Trinity Tuesday in Ruglan, Trinity Wednesday at the moor of Dun, Trinity Thursday at Falkland

June begins on Sunday, XXX. dayes.

Sun riseth 23 minutes past 3. sets 37 minutes past 8.

First Quarter Tuesday the 3 day, 10 min. past 6 at night.

Full Moon Wednesday the 11 day 20 min. past 6 at night.

Last Quarter Thursday the 19 day, 23 min. past 5 at night.

New Moon Thursday the 26 day, 1 min. past 9 forenoon.

This Moneth begins with hot weather, on the 11 day the Moon is in Apogœon causing temperat weather, on the 17 day there is a square of the Sun and Jupiter, on the 19 day a square of Saturn and Mars which betokeneth Thunder, on the 24 day there is a Conjunction of Venus and Mercury, on the 25 day the Moon is in Perigœon, and on the 30 day a square of Saturn and Venus, which occasions windy and cloudy weather.

At Carington the 1 d. A fair at Kinross & Dunglass the 1 Tuesd. in Colinsburgh the 1 friday, belonging to the Noble Earl of Belcarras. in Lang-newtoun the 5 day, a Fair at Stramiglo, Aberdour, and Enner-keithing the 6 day. S. Colms Fair at Drumhead in Belhelvie Kirk town of David in the Gerry, Muirs keith near the Kirk of Carachy in An-gus Shire, Bernards Fair at Monifeeth, and at New-deer in Buchan, all upon the second Tuesday, a Fair at Drymen the 9 day, in Forgon-denny the 10 d. S. Barnabie in Lawder, Dysert, Dowglass, St. Lau-rence Fair in Grinnoch, Preston-pans, and Dirleton, all on the 11 d. St. Davids Fair in Baligerno in Perth Shire the 12 d. St. Margarets Fair upon the Mains of Keith hall (some times called Casky bvn,) at Tur-reff, at the Burgh of Annan, and town of old hamstocks, all upon the 3 Tuesday, at Abernethy, & Ceres in Fife the 13 d. in Auchtertool, Bel-helvie, Clackmanan, St. Anthonies Fair at the good Town of Inverlie-then, and at Scoon the 15 d, at Straven the 16 d. St. Mar-garet in Dumfermling, and a M. ffat the 18 d. a Earlestoun the 19 d. Monro's Fair holden at Colrain in Ross shire the 20 d. at Methil near Levens mouth the 22 d. S. John the Baptists day, and Midsummer-day being still the 24 d. in Forres, Cainwath, Hawick, and at Towns yettam

yettam on the Border, and at Frazerburgh, Air holding 4 d. Wigtoan, Bamf, Athelstoun, Meiklour & S. John Fair at S. Johnstoun, all on the 24 d. in Alathy in Angus, called S. Emagola and at the Town of Niculson, both on the 25 d. St. Peters day at Forfar, Faulkland, Bruntiland Bamff, and Kellog, all on the 26 d. at Gallaheels the 27 d. St. Peter and Pauls day, being alwayes the 29 d. at Peebles, Falkirk, and Thruso in Caithnes S. Scilfis Fair at the Kirk of Culshalmen in Gerry the last Tuesd. of this month. Also S. Peters Fair at Migelin Perthshire and Haddingtoun, both upon the last day.

July begins on Tuesday, XXXI. dayes.

Sun riseth 32 minuts past 3. sets 28 minuts past 8.

First Quarter Thursday the 3 day 7 minuts past 6 in the morning.

Full Moon Friday the 11 day, 8 min. past 9 forenoon.

Last Quarter Saturday the 19 day, 25 min. past 2 in the morning.

New Moon Friday the 25 day, 22 min. past 4 afternoon.

This moneth begins wi h changeable weather, on the 8 day the Moon is in Apogeeon, and on the 11 day a Conjunction of the Sun and Mercury, portending wind, on the 14 day there is a Conjunction of Mars and Venus, which threatens a Lambas Flood, on the 23 day the Moon is in Perigeeon, on the 24 day a square of the Sun and Saturn, Augmenting the Effects of the last Conjunction with some appearance of Thunder.

A Fair at Culross, Stow, and Edzertoun in Teviotdale, all on the first d. at Abernethie and Auchtermuchie the second day; St. Mar-tone or Buizeon 4 d. Peter Fair at Peter head the 5 d. A new Market in Dundee the 1 Tuesday, S. Thomas in Langtoun the 5 d. Lady Mercat at the Kirk of Forden in the Merns 6 d. St. Andrews in Glasgow and Inverness the 7 d. at Borrow-stounness, Burgh of Annan, and Aikie Fair at the Town of Old Deer, all on the second Tuesday, St. Lawrence at Grinnoch the 11 d. at Kilwinning the 12 d. S. Margaret in Killimur, at the Kirk of Forrig, and Errol the 13 d. at Langholm the 15 d. in Moffat and at Kirkaldy the 18 d. at Stirling and Dumfermling the 20 d. Mary Magdalene in Lawder, Linlithgow, Pettenweem, and Pathhead 22 d. St. Margarets Fair at Fendraught, and in Tarves the 3 Tuesday, at Kinross the 3 Wednesday, S. Andrews Fair at the Kirk of Glass in Strabogie, on Tuesday after the 15 d. in Airth and St. Christina in Corsterphine both on the 24 d. S. James at Forfar, Kinghorn, Couper of Fife, Roxburgh, Alloway, Musselburgh, and at Elgin in Murray, all on the 25 d. at Kinloch Kannoche in Athol in Perthshire, and Turreff in Buchan last Tuesd. S. James Fair at Lanerk on the last Wednesday, at New Lesly, and Whitehorn the last Thursday.

August begins on Friday, XXXI. dayes.

Sun riseth 25 minuts past 4. sets 35 minuts past 7.

First Quarter Friday the 1 day, 58 min. past 8 at night.

Full Moon Sunday the 10 day, 25 min. past 11 at night.

Last Quarter Sunday the 17 day, 12 min. past 9 in the morning.

New Moon Sunday the 24 day, 1 min. past 1 in the morning.

First Quarter Sunday the 31 day, 3 min. past 2 afternoon.

This moneth begins with cloudy weather, on the 5 day the Moon is in Apogeeon, signifying good Weather, on the 9 day there is a square of Saturn and Mercury, causing Rain, on the 17 day there is an Opposition of Jupiter and Venus, the Moon in Perigeon, the 19 day sheweth temperat weathes, on the 25 day there is a Conjunction of the Sun and Mercury, causing the moneth to end with Wind.

Lambasday in Atturff, Melrose, Enmerkeithing, St. Andrews and Dumbartoun, all on the 1 d. Lambas Fair at the Town of Kirkwall in Orkney the 3 day, lasting 7 dayes, S. Lawrence Fair in Rane the first Tuesday, and Thursday after in Faulkland, S. Lawrence in Mernes shire upon Lawrence Muir, a little above the place of Hawkertoun, holding four dayes at Jedburgh, Marymas Fair at the town of Monymusk, all upon the 2 Tuesday, at Kilsyth the 5 d, in Meikleour the 7d, S. Lawrence day in Selkirk, Auchtermuchtie, Forres, Carnwath, and Dumblain, all on the 10 d, Lady day the first in Dundee, Falkirk, Dinet in Caithness, Bamff, Mernes, Valley-field, all on the 15 d, at Rugland the 20 d, in Scoon the 22 d. Marymas Fair in the town of Ellion in Buchan, Inverness, and at the Town of Ratray in Buchan, both upon the 2 Tuesday, S. Bartholomew Apostle in Linlithgow, Clackmannan, &c in Peebles, all on the 24 d. St. Zepherinus in Corstorphine the 26 d. Samarevis day in Forres 27 d. and S. Johns day in S. Johnst. and Lawder 29 d. at Kinkairn of Niel the last Tuesday, at Stranaver in the reinds of Galloway, and Hooke Fair at Lanerk upon the last Frid,

September begins on Munday, XXX. dayes.

Sun riseth 33 minutes past 5. sets 27 minutes past 6.

Full Moon Munday the 8 day, 22 min. past 1 afternoon.

Last Quarter Munday the 15 day, 48 min. past 2 afternoon.

New Moon Munday the 22 day, 12 min. past noon.

First Quarter Tuesday the 30 day, 52 min. past 8 in the morning.

On the second day the Moon is in Apogeeon, on the 4 day a Conjunction of Mars and Mercury, on the 6 day an Opposition of Jupiter & Mercury, on the 9 an opposition of Jupiter and Mars, all which threatens a tempest, on the 14 day an Opposition of the Sun & Jupiter, on the 16 day the Moon is in Perigeon, shewing the weather to be fair and clear, on the 21 day there is a Conjunction of Saturn & Venus, causing rain, on the 29 day the Moon is in Apogeeon, & on the 30 day a Conjunction of the Sun and Mars, causing more temperat weather.

St. Giles Fair in Elgin the 1d. in Moffat the 2d. Samarevis in Keith the first Tuesday, in Skirlin the 4 d. latter Lady day in Dundee, Stirling, Bamff, and at the Town of Inverury all on the 8 d at Monimusk Tarves, Muirskeith, and at the Kirk of Auchindoor, all on the second Tuesday, Rude Fair at Inverness, Dumfermling and ledburgh the 14 d at Forfar & Chappel of Dine in Caithness the 15 d. a fair at Pitlefie, the 16 day with a weekly Market, every Wednesday at Kirkaldit the 20 d. Monens fair at the Kirk of Doors the 3 Tuesday, at Bigger the 3 Wednesday, at old Lefly & Mathews Fair at Linlithgow the 21 day, at Stow the 23 d. a new Fair at Kennoquhy in Fife, belonging to the Laird of Balfour, as also at Kari, Dumfreis and Athelston the 24 d. St. George Fair at Colins in Ross shire the 25 day at Leven, Nicolson, Tranent, Langtown

Langtown and Dury, all on the 27 day, St. Michael's-day being alwayes upon the 29 d. at new Leslie, Haddingtoun Air, St. Andrews, Crief, Kirkcudbright, Gallashiels and at the Kirk of Forrig, St. Elizabeths Fair at Balriggton in Perth shire, Renfrew and Burgh of Annan, all on the 29 d. St. Jerome in Bamff the last day, at the Kirk of Kinkel, Giffey near the house of Yester, and Frazerburgh last Tuesd.

October begins on Wednesday, XXXI. dayes.

Sun riseth 43 minuts past 6. sets 17 minuts past 5.

Full Moon Wednesday the 8 day, 6 min. past 2 in the morning.

Last Quarter Tuesday the 14 day, 15 min. past 10 at night.

New Moon Wednesday the 22 day, 2 min. past 3 in the morning.

First quarter Thursday the 30 day, 4 min. past 5 in the morning.

This moneth begins with good weather, on the 6 day there is a Conjunction of Saturn and Mercury, causing wind, on the 13 day the Moon is in Perigeeon, portending clouds and rain, on the 26 day there is a square of Jupiter and Venus, on the 27 day the Moon is in Apogeeon, and on the 31 day a Conjunction of Saturn and Mercury, shewing the moneth ends with good weather.

The 1, 2, 3, a Fair in Salt Preston; at Dundee, Alith, Kinloch Rannoch in Athol; Turreff in Buchan, Mid-Calder, and Dunglass, all on the 1 Tuesday. St. Francis in Inverliethen the 3 day, in Aberperthie Colitsburgh and Valley-field the 4 d. in Meiklour and Edzeirston in Tividale the 5 day, in Cowper of Fife the 9 d. at the Town Lon-head of Lisswaid, and at Markinch the 8 day. St. Dinner in St. Johnstoun, St. Dumise in Peebles, Earleston, Kirkitilloch, Aiton, Auchtermuchtie, Ceres in Fife, Killimuir, Moffat, all on the 9 d. Truel Fair at the Kirk of Renith Moreish, and at Kirkton of Moniseeth, the 2 Tuesday, at Drumhead in Belhelvie the 2 Wednesday at Dalkeith, and Tillibot the 10 d. a fair at Eglesin the 11 day, at Ennerkeithing and Strathven the 12 d. Fenduct at Dianing the 13 day, St. Lukes Fair at old Aberdeen, town of old Hamstock and Tarves the 3 Tuesday, in Errol the 13 day, in Bors rowstounness and Musselburgh 16 d. St. Lukes day, being still on the 18 d. at Kestie in Caithness, and Caringtoun. The same day, a Fair at Lawder, Kinross and Rugland. St. Irena in Corstorphine, at the Kirk of Carlouk, Ormiston and Townycraig on the Border, all on the 20 d. at the new Kirk of Kilpatrick, 21 d. Mary Salamine in Stirling, Dumfermling, and Kelso 22 d. at Forfar and Linlithgow 24 d. S. Judes Fair at Glenquhithe the Penult Wednesday, at Stenton the last Tuesday, Hallow Fair in Ratray in Buchan the last Tuesday, in Kilreny and Stramiglo the 25 d. Fowles Fair in Paisley and Falkirk the 26 d. St. Simon and Judes day, in Dylert, Cockeny, Kirklistoun, Hawick, Migel in Perth shire, and Rosline, all on the 28 d. in Alloway and Nicolson the 29 d. a flourishing Fair in Methven the third Thursday, at Whitchorn the last Thursday.

November begins on Saturday, XXX, dayes.

Sun riseth 53 minuts past 7. sets 7 min. past 4.

Full Moon Thursday the 6 day, 40 min. past 2 afternoon.

Last

Last Quarter Thursday the 13 day, 58 min. past 7 in the morning,
New Moon Thursday the 20 day, 14 min. past 7 at night.
First Quarter Saturday the 29 day, 30 min. past 2 in the morning.

The Sun is in Conjunction with Mercury the 1 day, and with Saturn on the 2 day, on the 7 day there is a Conjunction of Mars and Mercury, threatening great winds, the Moon is in Perigeeon on the 11 day, causing moist weather, on the 20 day there is a Conjunction of Saturn and Mars in Scorpio, the 23 day, portending unwholesome weather, on the 23 day the Moon is in Apogeeon, on the 24 day a Conjunction of Saturn and Mercury, on the 26 day a Conjunction of Mars and Mercury, causing the month to end with wind.

A Fair at Edinburgh the 1 day, holding 8 dayes. Fordice and Dumblain, at the New Burgh of Girven and at Iedburgh upon the first Tuesday, S. Leonards Fair at Lanerk the first Wednesday, at Alathy the 2 day, at Kilwinning the 3 day. at Forres and Largo the 6 day, Martinmas day being still on the 11 d. at Dumbar, Melrois, Coper of Fife, Hamiltoun, Culross, Martins Kirk, Kilmhaug and Strabogie, all upon the 11 day. Martinmas Fair at the Town of Kirkwall in Orkney the whole Martinmas week. S. Denick at Methil the 2 Tuesday, at Kilsyth the 12 d. S. Helen at Dundee the 13 d. at Grinnoch and Down in Monteith the 15 d. Margratmas Fair at Borrowstounness, Dumfermling and Lawder the 16 d. at Tane, Auchtertuil and Bryack Fair at the Kirk of Kowl, all on the 22 d. at Bruntsland the 23 d. Andersmas fair at Stradon & Frazerburgh the 29 d. at old Meldrum last Tuesday, S. Andrews day, in S. Johnstoun, Peebles and Chirnside the 30 day.

December begins on Munday, XXXI. dayes.

Sun riseth 37 minuts past 8. sets 23 minuts past 8.
Full Moon Saturday the 6 day, 15 min. past 2 in the morning.
Last Quarter Friday the 12 day, 25 min. past 5 at night.
New Moon Saturday the 20 day, 22 min. past 2 afternoon.
First Quarter Sunday the 28 day, 30 min. past 5 at night.

This moneth begins with frost, on the 7 day the Moon is in Perigeeon, on the 10 day a square of the Sun and Jupiter, causing Rain, on the 19 day, there is a square of Jupiter and Mercury, and on the 21 day the Moon is in Apogeeon, causing frost and great winds to the end of the year.

At Tarves the first Tuesday, S. Nicolas fair at Renfrew the 6 d. in Aberdeen the 7 d. at West-Weems the 8 d. Kellamas fair at the Kirk of Rey in Caithness, Bamff, Rothemay, and the Town of Deer the 14 d. Manmas fair at the Kirk of Watten in Caithness the 15 day. S. Cuthbert in Grange of Linlithgow the 17 d. S. Thomas in Glasgow, Inverness, and at the Down in Monteith the 18 d. St. Thomas day, being the 21 d. Christmas the 25 day, St. Stevens day, the 26 day, St. Johns the 27 day at Forres and Methil, all upon St. Johns day, St. Davids Fair at Gerry the first Tuesday after Christmas.

An Apology for the Author and his Works?

WHereas some out of Malice, others out of Ignorance, have put very bad Constructions on my self and on my works; as for the malicious Carpers, I have little to say, seeing *Momus* and *Zoëus* must have their Successors in all ages, but I shal endeavour to convince the ignorant with as great facility, and plainness as this small page can permit.

1. They say, that Astrology and foretelling the weather is unlawful, uncertain, and without any Grounds.

Answer. That natural Astrology, as in foretelling the weather and natural diseases, or the like, is drawn from very good and certain grounds, since I hope they will not be so brutish as to deny the Influence of the Sun, by whose position to us, alters the four seasons of the year, and that the position of the Moon to the Sun alters the Tides of the Sea: For a conjunction commonly called the New-Moon, or an opposition commonly called the Full Moon, cause Spring Tides and a Square commonly called the Quarter Moon, being so weak that the sea is not so far pressed up upon the land, as at the ♂ or ♀ as may easily be demonstrat by a figure, which this page will not permit of; as for other Aspects, as Δ * or the like, their effects are not observable, neither are there any Reason for it, by which I hope they will be forced, either to confess, that the rest of the Planets in their positions to us, and Aspects with the Sun and Moon, and among themselves does daily alter the weather, or contradict Reason, for which cause, I have kept a Diery of the weather, since September 1684. which assists me greatly in judging the weather, and if Incouragement were given, could in an Ephemeris trace out the weather, and other natural occurrences, that from henceforth these Carpers should be ashamed that ever they disallowed it.

2. They think it Popery to keep in the Moveable Feasts, and Saints days in the Almanack.

Answer. Since the Terms of the year, and whole Fairs of the Kingdom almost depend on them, they cannot be omitted without great Confusion and Loss to the Kingdom, which shal never be my Endeavour, unless it be done by Authority, but desires they might be observed by the true Rule for finding them; for my own part I do not believe our Saviour was born on the 25 day of December, nor St. John the Baptist upon the 24 day of June, seeing there is greater Reason that our Saviour was born at or about the Verbal Equinoctial in March, and St. John the Baptist In September, as may be proven, but I omit it for brevitys sake,

As to the Carpers against my Arithmetick Book, I say,

All these unlearned that cannot teach it,
And those so dull that cannot reach it;
Come to the middle of Letch Wynd
Where you shal satisfaction find,
From me at a most easie Rate,
I you advise least when too late
You may repent the loss of time
The fault's your own, it's none of mine;
For other Arts that I do teach,
If your Capacity will reach,
You shal be serv'd, as said before,
As for this year, I'll say no more.

ADVERTISMENT.

TO all blind People, or others troubled with any Distemper in their eyes, whereas I have been now about eight years in this Kingdom, and have performed the cure of many, or most of the curable distempers of the eyes, as couching Cataracts, having couched above 100 in this Kingdom, I perform it with so much dexterity and ease, that there is not one in twenty Eyes, oh, in the Operation, having couched above a thousand people, some had been blind ten, others twenty, others thirty years, who have received their sight in a moment, some after fourscore years, he hath excellent Remedies for the strengthening of weak and decayed sight, he cures all curable diseases of the eyes.

No takes out Teeth, Stumps, or Roots of Teeth with a Touch, and without Danger.

He hath cut and cured many hundred of Hair Lips, Cancerated Lips and Breasts, Mortified Legs and Arms; Taps for the Timpany, extracteth the stone out of the Bladder, cuts the wry neck, cures Gunshot wounds, with all other Operations in Chirurgery, that can be performed by

by John Stark.

Dr.

Dr. Sares Pills of Health.

They are wonderfull in the Cure of the Scurvy, Dropfy, Indice, Agues, Melancholy, Kings-Evil, Green-sick-Worms, Gout, being powerful in Operation, and covering the whole end of purging Physick.

Also my Cordial Pills good against all pains, whether outward or inward Coughs, Vomitings, Consumptions, arises, Gravel-stone, Cholick, bloody Flux, Gripping the Guts, being a great Cordial, a Resister of Poison, a conforter of the Heart, a Refloter of the Body, and a Reasser of all the Spirits. They are to be sold at the Authors house, in the middle of Leithewynd, by the Doctor or his wife, who cures all Diseases belonging to women.

A Tide Table for Leith, Corrected by James Paterson Mathematician.

The Use.

Seek the Moons Age in the first and second Column of the Table, and in the two last Columns you have the true time of full Sea at Leith.

Example to find the full Sea the 7 of April 1690. I find the Moons age by the following Table, to be 9. which I find in the first Column of this Table, and over against it in the last Column, I find 8 h. 42 min. the true time of full Sea required.

Advertisement. There is two new Pairs at Dunglass, within the Sheriff-dom of East Lothian belonging to the Right Honorable, Sir JOHN HALL of Dunglass; the first upon the 1 Tuesd. of June: the other on the 1 Tuesd. of October yearly, each lasting 3 days, with a weekly Mercat every Sunday.

Advertisement. That the Magistrats of the Ancient and Royal Burgh of Lanark, have appointed in the said Burgh a weekly Mercat every Tuesday, of all Corn, Beer, Malt, Wheat, Pease, and Beans; and for Encouragement of such as shall bring these Grains to the Mercat, they have declared the same free of any Exaction or custom for 8 years to come, except for the Peise and Beans, which are to pay the small custom as before.

Table shewing
hour and min.
high water at
Leith, for every day
the Moons age,
increasing or de-
creasing.

Moons age.	Full Sea at Leith	at Leith	at Leith
16	3	3	
17	3	46	
18	4	29	
19	5	7	
20	5	43	
21	6	19	
22	6	51	
23	7	29	
24	8	42	
25	9	45	
26	10	43	
27	11	41	
28	0	34	
29	1	27	
30	2	15	

A ready Table shewing the Age of the Moon every day throughout this Year 1690.

Advertisement. To those who desire Mathematical Instruments, or Books, or Dr. Sare's Pills of Health, or desire to be taught in any of the Mathematicks mentioned before in my Almanacks, and Geographical Descriptions, with short and quick writing, Book-keeping, or to separate Fresh Water from Sea, or other Salt or Brackish Water, in great quantities, *viz.* a Scots Gallon in the hour, which is near 4 English Gallons; they may be served at reasonable Rates at my House, being the Red House in the middle of Leith-wynd, at the Sign of the Crois-staff, &c. James Paterson.

Days	January	February	March	April	May	June	July	August	September	October	November	December
1	1	1	1	3	3	6	7	.9	1	1	1	1
2	2	2	2	4	4	6	8	10	11	12	11	2
3	3	3	3	5	5	7	9	10	11	12	11	3
4	4	4	4	6	6	8	9	10	12	13	14	4
5	5	5	5	7	7	9	10	11	13	14	15	5
6	6	6	6	8	8	10	11	12	14	15	16	6
7	7	7	7	9	9	11	12	13	15	16	17	7
8	8	8	8	10	10	12	13	14	16	17	18	8
9	9	9	9	11	11	13	14	15	17	18	19	9
10	10	10	10	12	12	14	15	16	18	19	20	10
11	11	11	11	13	13	15	16	17	19	20	21	11
12	12	12	12	14	14	16	17	18	20	21	22	12
13	13	13	13	15	15	17	18	19	21	21	23	13
14	14	14	14	16	16	18	19	20	22	22	24	14
15	15	15	15	17	17	19	20	21	23	23	25	15
16	16	16	16	18	18	20	21	22	24	24	26	16
17	17	17	17	19	19	21	22	23	25	25	27	17
18	18	18	18	20	20	22	23	24	26	26	28	18
19	19	19	19	21	21	23	24	25	27	27	29	19
20	20	20	20	22	22	24	25	26	28	28	30	20
21	21	21	21	23	23	25	26	27	29	29	31	21
22	22	22	22	24	24	26	27	28	30	31	32	22
23	23	23	23	25	25	27	28	29	31	32	33	23
24	24	24	24	26	26	28	29	30	31	32	34	24
25	25	25	25	27	27	29	30	31	32	33	34	25
26	26	26	26	28	28	30	31	32	33	34	35	26
27	27	27	27	29	29	30	31	32	33	34	35	27
28	28	28	28	30	30	31	33	34	35	36	37	28
29	29	29	29	1	2	4	4	5	6	7	8	29
30	1	1	1	2	3	5	5	6	7	8	9	10
31	2	2	2	4	4	6	8	8	10	10	11	11

A D V E R T I S E M E N T.

There is now Published a New and Exact Mapp of the Kingdom of England, with the South of Scotland, and the adjacent parts of Ireland, Holland, and France, &c. Price 14 Shillings Scots. There is also a New Mapp of the Ground Plot of London-derry, with all the Remarks as it was Besieged, Price 6 Shillings Scots. There is now engraving a New and Exact Mapp of the Kingdom of Ireland, with its adjacent parts, Price 14 Shillings Scots: These, with other MAPPS, GLOBS, SPHERES, Mathematical Instruments, are Made, and to be Sold by JAMES MOXON, at his House in Lawrence Ora's Closs, at the foot of the Canongate.